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Committee on Environmental Policy

United Nations Economic Commission for Europe Steering Committee on Education for Sustainable Development

Ninth meeting
Geneva, 3 and 4 April 2014
Item 2 (d) of the provisional agenda
Implementing the third phase of the UNECE Strategy for Education for Sustainable Development: mandatory national implementation reporting in 2014

Phase III: Format for reporting on the implementation of the UNECE Strategy for Education for Sustainable Development

Summary

By its terms of reference, the United Nations Economic Commission for Europe (ECE) Steering Committee for Education for Sustainable Development is charged with monitoring the progress of the implementation of the UNECE Strategy for Education for Sustainable Development (CEP/AC.13/2005/4/Rev.1, annex, para 4 (b)).

On 1 November 2014, States participating in the Strategy are due to submit their national implementation reports. Reports are expected to reflect the progress made in the implementation of the Strategy at the national/State level during implementation phase III (2011–2015). This document presents the format for reporting. The set of indicators, on which the reporting format is based, was developed by the ECE Expert Group on Indicators. The reporting format has been slightly updated by the secretariat in consolidation with the Expert Group on Indicators to meet the reporting needs of phase III.

Based on national reports submitted, the secretariat will prepare a synthesis report in 2015, highlighting progress made, identifying challenges and drawing up recommendations. The synthesis report is vital for setting future priorities for implementing ESD and is expected to be presented to a high-level meeting of education and environment ministries in 2016.

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Introduction

1. The reporting format provided in this document was developed following the adoption by the United Nations Economic Commission for Europe (ECE) Steering Committee on Education for Sustainable Development of the workplan for the Implementation of the UNECE Strategy for Education for Sustainable Development (Strategy for ESD), 2005–2007 (CEP/AC.13/2005/8), which contains the procedure for the review of implementation of the Strategy for ESD. The reporting format also takes into account the pilot reporting exercise and feedback from countries on the workability and feasibility of the indicators and the requested information for reporting.

2. In addition, the workplan for implementation of phase III of the Strategy (2010–2015) sets out the timeline for the reporting exercise in 2014 (ECE/CEP/AC.13/2011/4, para. 47).

3. The set of indicators was developed by the ECE Expert Group on Indicators for Education for Sustainable Development set up by the High-level Meeting of Environment and Education Ministries (Vilnius, 17–18 March 2005). Three complementary progress reports provide information on the development of the indicators (see CEP/AC.13/2005/9, ECE/CEP/AC.13/2006/5 and ECE/CEP/AC.13/2008/4).

4. To reflect the requirements of phase III, in consolidation with the Expert Group on Indicators the secretariat has introduced the following changes to the reporting template developed by the Group:

(a) The reporting template was updated to use the revised International Standard Classification of Education (ISCED), as adopted by United Nations Educational, Scientific and Cultural Organization (UNESCO) member States in 2011;

(b) To gather important analytical information for the future implementation of education for sustainable development (ESD) (after the third phase of implementation comes to an end), countries are now given the possibility to add concluding remarks, i.e., on the main successes, challenges and implications for future implementation for each of the Strategy's objectives;

(c) Where appropriate, references to educator competences in ESD as developed by the ECE Expert Group on Competences were added (indicator 3.1);

(d) Where appropriate, references to the priority action areas as adopted by the Steering Committee at its seventh meeting (Geneva, 1–2 March 2012) (ECE/CEP/AC.13/2012/2, para. 48) were included (indicator 2.3);

(e) Descriptive remarks on indicators that referred only to phases I and II were revised to reflect the requirements of phase III, i.e., focusing on an analysis of implementation and implementation outcomes;

(f) Issue 9 of the 2010 reporting template ("describe any assistance needed to improve implementation") has been revised to read "future implementation of education for sustainable development", focusing on priorities for a future ESD implementation framework.

5. The main elements of the reporting procedure are as follows:

(a) ECE member States should prepare reports through a transparent consultative process involving all relevant stakeholders at the national/State level;

(b) Although the "yes/no" part of sub-indicators was required to be reported on in phase I (2007) and the "descriptive" part in phase II (by 2010) and phase III (by 2015),

countries are encouraged to report on the full set of indicators at the end of each phase, to the extent possible, in line with a country's progress in implementing the Strategy for ESD;

(c) Thirty-six member States reported on a voluntary basis by preparing reports for the Environment for Europe Ministerial Conference in Belgrade in 2007. Again, 36 member States responded to the first formal call for reporting in 2010. Countries are requested to prepare an updated version of the report for 2015;

(d) Reports should be submitted to the secretariat electronically in Word format. The text should be in English. Member States are also encouraged to provide the text in the two other official languages of ECE, French and Russian. Reports will be made available in the languages in which they are received. No editing will be provided;

(e) Deadline for submission to the secretariat, taking into account United Nations document management procedures, is 1 November 2014;

(f) The ECE secretariat will post the reports on its website;

(g) The ECE secretariat will prepare a synthesis report for 2015, highlighting achievements, identifying challenges and drawing conclusions regarding future ESD implementation. It is expected that the reporting results will be presented at the 10th meeting of the Steering Committee in 2015 and at a high-level meeting of education and environment ministries in 2016;

(h) Key stakeholders are encouraged to provide the secretariat with their reports on programmes or activities that support the implementation of the Strategy.

Annex

Format for reporting on implementation of the UNECE Strategy for Education for Sustainable Development

Phase III: 2011–2015

The following report is submitted on behalf of the Government of ..... in accordance with the decision of the ECE Steering Committee on Education for Sustainable Development.

Name of officer (national focal point) responsible for submitting the report:

Signature:

Date:

Full name of the institution:

Postal address:

Telephone:

E-mail:

Website:

Contact officer for national report (if different from above):

A. Provide brief information (not more than half a page) on the process by which this report has been prepared, including information on which types of public authorities were consulted or contributed to its preparation, how the stakeholders were consulted and how the outcome of this consultation was taken into account and on the material used as a basis for the report.

☐ Governmental institutions (please specify) _____

☐ Stakeholders: _____

☐ NGOs (please specify) _____

☐ Academia (please specify) _____

☐ Business (please specify) _____

☐ Other (please specify) _____

B. Report any particular circumstances that help clarify the context of the report — for example, whether the decision-making structure is federal and/or decentralized, and whether financial constraints are a significant obstacle to implementation. (This information should not exceed half a page.)

Issue[1] 1.	**Ensure that policy, regulatory and operational frameworks support the promotion of ESD**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 1.1	**Prerequisite measures are taken to support the promotion of ESD**
Sub-indicator 1.1.1	Is the UNECE Strategy for ESD available in your national[2] language(s)?
Yes ☐ No ☐	*Please specify languages.*
Sub-indicator 1.1.2	Have you appointed a national focal point to deal with the UNECE Strategy for ESD?
Yes ☐ No ☐	*If yes, please specify in which ministrie(s)/department(s) the focal point(s) are located.*
Sub-indicator 1.1.3	Do you have a coordinating body for implementation of ESD?
Yes ☐ No ☐	*Please specify its mandate and coordinating mechanism. Please also specify whether its mandate covers implementation of the UNECE Strategy for ESD.*
Sub-indicator 1.1.4	Do you have a national implementation plan for ESD?
Yes ☐ No ☐	*Please specify whether this plan includes implementation of the UNECE Strategy for ESD and please indicate the Internet address where it is accessible.*
Sub-indicator 1.1.5	Are there any synergies at the national level between the ECE ESD process, the UNESCO global process on the United Nations Decade of ESD,[3] and other policy processes relevant to ESD?
Yes ☐ No ☐	*Please specify and list major documents.*

[1] Issues 1 to 6 herein are in accordance with the objectives (a)-(f) set out in the UNECE Strategy for ESD (CEP/AC.13/2005/3/Rev.1, para. 7).

[2] For countries with a federal government structure, all references to "national" apply to "State", as appropriate. In this context, "data at the national level" means aggregated data received from sub-State entities.

[3] The United Nations General Assembly in its resolution 57/254 of 20 December 2002 proclaimed the 10-year period beginning on 1 January 2005 the United Nations Decade of Education for Sustainable Development.

<table>
<tr><td>Indicator 1.2</td><td>Policy, regulatory and operational frameworks support the promotion of ESD</td></tr>
<tr><td>Sub-indicator 1.2.1</td><td>Is ESD reflected in any national policy[4] document(s)?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify and list any major document(s).</td></tr>
<tr><td>Sub-indicator 1.2.2</td><td>Is ESD: (a) addressed in relevant national education legislation/regulatory document(s); and (b) included in your national curricula and/or national standards/ordinances/requirements at all levels of formal education, as understood by your education system in accordance with ISCED?[5]</td></tr>
<tr><td>(a) Yes ☐ No ☐
(b) Yes ☐ No ☐</td><td>If yes, please specify details for (a) and (b).

Please also fill in the table by ticking (✓) as appropriate.
<table>
<tr><th>ISCED levels</th><th>(a)
Yes</th><th>(b)
Yes</th></tr>
<tr><td>0. Early childhood education</td><td></td><td></td></tr>
<tr><td>1. Primary education</td><td></td><td></td></tr>
<tr><td>2. Lower secondary education</td><td></td><td></td></tr>
<tr><td>3. Upper secondary education</td><td></td><td></td></tr>
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<tr><td>5. Short-cycle tertiary education</td><td></td><td></td></tr>
<tr><td>6. Bachelor's or equivalent level</td><td></td><td></td></tr>
<tr><td>7. Master's or equivalent level</td><td></td><td></td></tr>
<tr><td>8. Doctoral or equivalent level</td><td></td><td></td></tr>
</table></td></tr>
<tr><td>Sub-indicator 1.2.3</td><td>Are non-formal and informal ESD addressed in your relevant national policy and/or regulatory document(s) and operational frameworks?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify.</td></tr>
<tr><td>Sub-indicator 1.2.4</td><td>Is public awareness in relation to ESD addressed in relevant national document(s)?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify.</td></tr>
</table>

[4] Policy documents may include national strategies, plans, programmes, guidelines and the like.

[5] See http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx.

Sub-indicator 1.2.5	Does a formal structure for interdepartmental[6] cooperation relevant to ESD exist in your Government?
Yes ☐ No ☐	*Please specify.*
Sub-indicator 1.2.6	Does a mechanism for multi-stakeholder cooperation on ESD exist with the involvement of your Government?[7]
Yes ☐ No ☐	*Please specify.*
Sub-indicator 1.2.7	Are public budgets and/or economic incentives available specifically to support ESD?
Yes ☐ No ☐	*Please specify.*
Indicator 1.3	**National policies support synergies between processes related to sustainable development (SD) and ESD**
Sub-indicator 1.3.1	Is ESD part of SD policy(ies) if these exist in your country?
Yes ☐ No ☐	*Please specify.*
Concluding remarks on issue 1	*Please provide any concluding remarks you may have concerning the implementation of issue 1, which corresponds to objective (a) under the Strategy, namely, to ensure that policy, regulatory and operational frameworks support the promotion of ESD*
	Please address in particular the following questions: – *Which actions/initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*

[6] Between State bodies.

[7] For an explanation, see paragraph 46 of the UNECE Strategy for ESD.

Issue 2.	**Promote SD through formal, non-formal and informal learning**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 2.1	**SD key themes are addressed in formal education**
Sub-indicator 2.1.1	Are key themes of SD[8] addressed explicitly in the curriculum/programme of study at various levels[9] of formal education?
Yes ☐ No ☐	*Please specify what SD issues are important in the country (i.e., biodiversity, gender, consumption/production, etc.) and how they are addressed in the curricula.* *Please update the table in appendix I (a) that was used for implementation phase II under this sub-indicator, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.* A ☐ B ☐ C ☐ D ☐ E ☐ F ☐
Sub-indicator 2.1.2	Are learning outcomes (skills, attitudes and values) that support ESD addressed explicitly in the curriculum[10]/programme of study at various levels of formal education?
Yes ☐ No ☐	*Please specify what competences as learning outcomes are important in your country.* *Please update the table in appendix I (b) that was used for implementation phase II under this sub-indicator, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.* A ☐ B ☐ C ☐ D ☐ E ☐ F ☐

[8] For details, see paragraph 15 of the UNECE Strategy for ESD.
[9] For the State or federal level, where relevant.
[10] Idem.

<table>
<tr><td>Sub-indicator 2.1.3</td><td>Are teaching/learning methods that support ESD addressed explicitly in the curriculum[11]/programme of study at various levels of formal education?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify what methods are of particular significance in your country. Please also specify for non-formal education, as appropriate.
Please also update the table in appendix I (c) that was used to report on implementation phase II, as appropriate, and indicate the results in the box below in accordance with the rating scale set out in the appendix.
<table>
<tr><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td></tr>
<tr><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td><td>☐</td></tr>
</table></td></tr>
<tr><td>Indicator 2.2</td><td>Strategies to implement ESD are clearly identified</td></tr>
<tr><td>Sub-indicator 2.2.1</td><td>Is ESD addressed through: (a) existing subjects[12] only?; (b) a cross-curriculum approach?; (c) the provision of specific subject programmes and courses?; (d) a stand-alone project?[13]; (e) other approaches?</td></tr>
<tr><td>(a) Yes ☐ No ☐
(b) Yes ☐ No ☐
(c) Yes ☐ No ☐
(d) Yes ☐ No ☐
(e) Yes ☐ No ☐</td><td>Please specify for different levels of education system in accordance with ISCED by ticking (✓) in the table as appropriate.
<table>
<tr><td>ISCED levels 2011</td><td>(a)
Yes</td><td>(b)
Yes</td><td>(c)
Yes</td><td>(d)
Yes</td><td>(e)
Yes</td></tr>
<tr><td>0. Early childhood education</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>1. Primary education</td><td></td><td></td><td></td><td></td><td></td></tr>
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<tr><td>7. Master's or equivalent level</td><td></td><td></td><td></td><td></td><td></td></tr>
</table>
Please also provide information about the incentives on the national level for implementing (a), (b), (c), (d), and (e).</td></tr>
</table>

[11] Idem.

[12] E.g., geography or biology. For higher education, "subject" means "course".

[13] A project is interpreted as a discrete activity with its own time allocation rather than a teaching/learning method.

Indicator 2.3	**A whole-institution approach[14] to SD/ESD is promoted**
Sub-indicator 2.3.1	Do educational institutions[15] adopt a "whole-institution approach" to SD/ESD?
Yes ☐ No ☐	*The Steering Committee has adopted as one priority action area that every school adopts an ESD school plan by 2015. ESD school plans are one means to implement a whole-institution approach. Please provide information on the implementation of this priority action area in your country.* *Also, please provide information for all levels of your education system in accordance with ISCED by ticking (✓) in the table as appropriate and specify for non-formal and informal education, as appropriate.*

ISCED levels 2011	*Yes*
0. Early childhood education	
1. Primary education	
2. Lower secondary education	
3. Upper secondary education	
4. Post-secondary non-tertiary education	
5. Short-cycle tertiary education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	

[14] A "whole institution approach" means that all aspects of an institution's internal operations and external relationships are reviewed and revised in the light of SD/ESD principles. Within such an approach each institution would decide on its own actions, addressing the three over!apping spheres of Campus (management operations); Curriculum; and Community (external relationships).

[15] For higher education institutions: whole-university, whole-college or whole-faculty approach (including inter-faculty approaches).

<table>
<tr><td>Sub-indicator 2.3.2</td><td>Are there any incentives (guidelines, award scheme, funding, technical support) that support a whole-institution approach to SD/ESD, including the implementation of ESD school plans?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>If yes, please specify what schemes are available for all levels of your education system.

Please also provide information on all education levels in accordance with ISCED by ticking (✓) in the table as appropriate.

<table>
<tr><th>ISCED levels 2011</th><th>Yes</th></tr>
<tr><td>0. Early childhood education</td><td></td></tr>
<tr><td>1. Primary education</td><td></td></tr>
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<tr><td>8. Doctoral or equivalent level</td><td></td></tr>
</table>

Please also specify for non-formal and informal education, as appropriate. If relevant information is available please also specify (provide examples).</td></tr>
</table>

Sub-indicator 2.3.3	Do institutions/learners develop their own SD/ESD indicators for their institution/organization?
Yes ☐ No ☐	*Please specify (i.e., provide examples of how this is done) for formal institutions as well as for non-formal institutions.* *Please also indicate for all levels of your education system in accordance with ISCED, by ticking (✓) in the table as appropriate:* *(a) For formal institutions:*

ISCED levels 2011	*Yes*
0. Early childhood education	
1. Primary education	
2. Lower secondary education	
3. Upper secondary education	
4. Post-secondary non-tertiary education	
5. Short-cycle tertiary education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	

(b) For non-formal institutions:

ISCED levels 2011	*Yes*
0. Early childhood education	
1. Primary education	
2. Lower secondary education	
3. Upper secondary education	
4. Post-secondary non-tertiary education	
5. Short-cycle tertiary education	
6. Bachelor's or equivalent level	
7. Master's or equivalent level	
8. Doctoral or equivalent level	

Sub-indicator 2.3.3	Do institutions/learners develop their own SD/ESD indicators for their institution/organization?

<table>
<tr><td>Indicator 2.4</td><td>ESD is addressed by quality assessment/enhancement systems</td></tr>
<tr><td>Sub-indicator 2.4.1</td><td>(a) Are there any education quality assessment/enhancement systems?;[16] (b) Do they address ESD?; (c) Are there any education quality assessment/enhancement systems that address ESD in national systems?</td></tr>
<tr><td>(a) Yes ☐ No ☐
(b) Yes ☐ No ☐
(c) Yes ☐ No ☐</td><td>Please elaborate.

Also, please specify for various levels of your education system in accordance with ISCED, by ticking (✓) in the table as appropriate.
<table>
<tr><th>ISCED levels 2011</th><th>(a)
Yes</th><th>(b)
Yes</th><th>(c)
Yes</th></tr>
<tr><td>0. Early childhood education</td><td></td><td></td><td></td></tr>
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<tr><td>7. Master's or equivalent level</td><td></td><td></td><td></td></tr>
<tr><td>8. Doctoral or equivalent level</td><td></td><td></td><td></td></tr>
</table>
Please also specify for non-formal and informal education, as appropriate. If relevant data are available, please also specify this data (i.e., provide examples on how the data was compiled).</td></tr>
<tr><td>Indicator 2.5</td><td>ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice</td></tr>
<tr><td>Sub-indicator 2.5.1</td><td>Are SD issues addressed in informal and public awareness-raising activities?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify and provide information on new developments and good practice examples.</td></tr>
</table>

[16] For higher education institutions: either national centres for quality assessment in higher education or cooperation with general quality assessment agencies, such as the European Foundation for Quality Management (EFQM).

Sub-indicator 2.5.2	Is there any support for work-based learning (e.g., for small companies, farmers, trade unions, associations) which addresses SD issues?
Yes ☐ No ☐	*Please specify and provide information on new developments and good practice examples.*
Sub-indicator 2.5.3	Are there any instruments (e.g. research, surveys, etc.) in place to assess the outcomes of ESD as a result of non-formal and informal learning?
Yes ☐ No ☐	*Please specify in particular what instruments were the most effective in assessing the outcomes of ESD as a result of non-formal/ informal learning.*
Indicator 2.6	**ESD implementation is a multi-stakeholder process**[17]
Sub-indicator 2.6.1	Is ESD implementation a multi-stakeholder process?
Yes ☐ No ☐	*Please specify the main stakeholders and the main impacts that those stakeholders had/have on implementation. Please update the information provided in the previous table for appendix II as appropriate.*
Concluding remarks on issue 2	*Please provide any concluding remarks you may have concerning the implementation of issue 2, which corresponds to objective (b) under the Strategy, namely to promote sustainable development through formal, non-formal and informal learning*
	Please address in particular the following questions: – *Which actions/initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*
Issue 3.	**Equip educators with the competence to include SD in their teaching**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 3.1	**ESD is included in the training**[18] **of educators**
Sub-indicator 3.1.1	Is ESD a part of educators' initial training?[19]
Yes ☐ No ☐	*In particular specify what ESD competences*[20] *are explicitly included in the study programmes.*

[17] For higher education institutions: this covers the issue of university "outreach" (meaning a wide spectrum from regional integration, business cooperation and transdisciplinarity to eco-procurement and research-education-cooperation).

[18] ESD is addressed by content and/or by methodology.

[19] For higher education institutions: the focus is here on existing teacher training at universities/colleges regarding SD and ESD for university/college teachers.

[20] For a set of core competences in ESD please see the report by the ECE Expert Group on Competences, *Learning for the future: Competences in Education for Sustainable Development* (ECE/CEP/AC.13/2011/6), available online from http://www.unece.org/education-for-sustainable-development-esd/publications.html.html.

Sub-indicator 3.1.2	Is ESD a part of the educators' in-service training?[21]
Yes ☐ No ☐	*In particular specify what ESD competences are explicitly included in training programmes. Please also specify to what extent the training programmes are mandatory or optional.* *Please also update the information provided under the phase II national implementation reporting in appendix III.*
Sub-indicator 3.1.3	Is ESD a part of training of leaders and administrators of educational institutions?
Yes ☐ No ☐	*Please specify what ESD competences are explicitly included in training programmes. Please also specify to what extent the training programmes are accessible and whether they are mandatory or optional.*
Indicator 3.2	**Opportunities exist for educators to cooperate on ESD**
Sub-indicator 3.2.1	Are there any networks/platforms of educators and/or leaders/administrators who are involved in ESD in your country?
Yes ☐ No ☐	*Please specify.*
Sub-indicator 3.2.2	Are ESD networks/platforms supported by the government in any way?[22]
Yes ☐ No ☐	*Please specify how, listing the major ones, and describing them as appropriate.*
Concluding remarks issue 3	*Please provide any concluding remarks you may have concerning the implementation of issue 3, which corresponds to objective (c) under the Strategy, namely to equip educators with the competence to include sustainable development in their teaching*
	Please address in particular the following questions: – *Which actions/initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*
Issue 4.	**Ensure that adequate tools and materials for ESD are accessible**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 4.1	**Teaching tools and materials for ESD are produced**
Sub-indicator 4.1.1	Does a national strategy/mechanism for encouragement of the development and production of ESD tools and materials exist?
Yes ☐ No ☐	*Please describe.*

[21] For higher education institutions: the focus is here on existing in-service training programmes regarding SD and ESD for university/college teachers in their own universities/colleges.

[22] Including assistance through direct funding, in-kind help, political and institutional support.

<table>
<tr><td>Sub-indicator 4.1.2</td><td>Is public (national, subnational, local) authority money invested in this activity?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please specify to what extent public money is invested in this activity, by providing an indication of the amount (in United States dollars (USD)) for annual expenditures on ESD-related research and development.</td></tr>
<tr><td>Indicator 4.2</td><td>Quality control mechanisms for teaching tools and materials for ESD exist</td></tr>
<tr><td>Sub-indicator 4.2.1</td><td>Do you have quality criteria and/or quality guidelines for ESD-related teaching tools and materials that are: (a) supported by public authorities?; (b) approved by public authorities?; (c) tested and recommended for selection by educational institutions?</td></tr>
<tr><td>(a) Yes ☐ No ☐
(b) Yes ☐ No ☐
(c) Yes ☐ No ☐</td><td>Please specify.</td></tr>
<tr><td>Sub-indicator 4.2.2</td><td>Are ESD teaching tools/materials available: (a) in national languages?; (b) for all levels of education according to ISCED?</td></tr>
<tr><td>(a) Yes ☐ No ☐
(b) Yes ☐ No ☐</td><td>Please specify. If the answer is yes for (b), please specify by ticking (✓) in the table as appropriate.
<table>
<tr><th>ISCED levels 2011[23]</th><th>Yes</th></tr>
<tr><td>0. Early childhood education</td><td></td></tr>
<tr><td>1. Primary education</td><td></td></tr>
<tr><td>2. Lower secondary education</td><td></td></tr>
<tr><td>3. Upper secondary education</td><td></td></tr>
<tr><td>4. Post-secondary non-tertiary education</td><td></td></tr>
<tr><td>5. Short-cycle tertiary education</td><td></td></tr>
<tr><td>6. Bachelor's or equivalent level</td><td></td></tr>
<tr><td>7. Master's or equivalent level</td><td></td></tr>
<tr><td>8 Doctoral or equivalent level</td><td></td></tr>
</table></td></tr>
<tr><td>Indicator 4.3</td><td>Teaching tools and materials for ESD are accessible</td></tr>
<tr><td>Sub-indicator 4.3.1</td><td>Does a national strategy/mechanism for dissemination of ESD tools and materials exist?</td></tr>
<tr><td>Yes ☐ No ☐</td><td>Please describe and in particular highlight what measures are the most efficient for dissemination.</td></tr>
</table>

[23] Education level in accordance with ISCED.

Sub-indicator 4.3.2	Is public authority money invested in this activity?
Yes ☐ No ☐	*Please specify to what extent by providing an indication of the amount in USD, and please also mention any other significant sources of funding.*
Sub-indicator 4.3.3	Are approved ESD teaching materials available through the Internet?
Yes ☐ No ☐	*Please describe and name in particular official Internet sites.*
Sub-indicator 4.3.4	Is a register or database of ESD teaching tools and materials in the national language(s): (a) accessible through the Internet?; (b) provided through other channels?
(a) Yes ☐ No ☐ (b) Yes ☐ No ☐	*For (a) and (b) please specify and mention by whom it was established and by whom it is managed.*
Concluding remarks issue 4	*Please provide any concluding remarks you may have concerning the implementation of issue 4, which corresponds to objective (d) under the Strategy, namely, to ensure that adequate tools and materials for ESD are accessible*
	Please address in particular the following questions: – *Which actions/initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*
Issue 5.	**Promote research on and development of ESD**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 5.1	**Research[24] on ESD is promoted**
Sub-indicator 5.1.1	Is research that addresses content and methods for ESD[25] supported?
Yes ☐ No ☐	*Please specify in particular the most important outcomes of supported research.*
Sub-indicator 5.1.2	Does any research evaluate the outcome of the implementation of the UNECE Strategy for ESD?
Yes ☐ No ☐	*Please specify what subjects were investigated and list major reports.*

[24] These include support from various sources, such as State, local authorities, business and non-governmental organizations or institutions.

[25] E.g. concepts; formation of attitudes and values; development of competencies, teaching and learning; school development; implementation of information communications technology ;and means of evaluation, including socioeconomic impacts.

Sub-indicator 5.1.3	Are post-graduate programmes available: (1) on ESD:[26] (a) for the master's level?; (b) for the doctorate level?; (2) addressing ESD: (a) for the master's level?; (b) for the doctorate level?
(1) (a) Yes ☐ No ☐ (b) Yes ☐ No ☐ (2) (a) Yes ☐ No ☐ (b) Yes ☐ No ☐	*Please specify what programmes are available and list the most important academic dissertations that address ESD.*
Sub-indicator 5.1.4	Are there any scholarships supported by public authorities for post-graduate research in ESD: (a) for the master's level; (b) for the doctorate level?
(a) Yes ☐ No ☐ (b) Yes ☐ No ☐	*Please provide information on (a) and (b).*
Indicator 5.2	**Development of ESD is promoted**
Sub-indicator 5.2.1	Is there any support for innovation and capacity-building in ESD practice?[27]
Yes ☐ No ☐	*Please specify what main projects were/are being implemented to that end.*
Indicator 5.3	**Dissemination of research results on ESD is promoted**
Sub-indicator 5.3.1	Is there any public authority support for mechanisms[28] to share the results of research and examples of good practices in ESD[29] among authorities and stakeholders?
Yes ☐ No ☐	*Please specify and provide information about where published research and dissertations are accessible.*

[26] ESD is addressed by substance and/or by approach.

[27] Activities may include projects, action research, social learning and multi-stakeholder teams.

[28] E.g., conferences, summer schools, journals, periodicals, networks.

[29] E.g., the "participatory approach"; links to local, regional and global problems; an integrative approach to environmental, economic and social issues; an orientation to understanding, preventing and solving problems.

Sub-indicator 5.3.2	Are there any scientific publications: (a) specifically on ESD?;(b) addressing ESD?
(a) Yes ☐ No ☐ (b) Yes ☐ No ☐	*Please name the major publications for (a) and (b).*
Concluding remarks on issue 5	*Please provide any concluding remarks you may have concerning the implementation of issue 5, which corresponds to objective (e) under the Strategy, namely, to promote research on and development of ESD.*
	– *Which actions/initiatives have been particularly successful and why?* – *What challenges did your country encounter when implementing this objective?* – *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*
Issue 6.	**Strengthen cooperation on ESD at all levels within the ECE region**
If necessary, provide relevant information on your country situation regarding this specific objective (up to 1,500 characters with spaces).	
Indicator 6.1	**International cooperation on ESD is strengthened within the ECE region and beyond**
Sub-indicator 6.1.1	Do your public authorities cooperate in/support international[30] networks on ESD?
Yes ☐ No ☐	*Please specify concrete networks and explain who supports these networks.*
Sub-indicator 6.1.2	Do educational institutions/organizations (formal and non-formal) in your country participate in international networks related to ESD?
Yes ☐ No ☐	*Please specify. List major networks.*
Sub-indicator 6.1.3	Are there any state, bilateral and/or multilateral cooperation mechanisms/agreements that include an explicit ESD component?
Yes ☐ No ☐	*Please specify and list the major ones.*
Sub-indicator 6.1.4	Does your Government take any steps to promote ESD in international forums outside the ECE region?
Yes ☐ No ☐	*Please list and describe.*
Concluding remarks on issue 6	*Please provide any concluding remarks you may have concerning the implementation of issue 6, which corresponds to objective (f) under the Strategy, namely, to strengthen cooperation on ESD at all levels within the ECE region*

[30] In this context, international associations, working groups, programmes, partnerships, etc., means those at the global, regional and subregional levels.

	Please address in particular the following questions: - *Which actions/ initiatives have been particularly successful and for which reason?* - *What challenges did your country encounter when implementing this objective?* - *Which other considerations have to be taken into account in future ESD implementation concerning this objective?*
Issue 7.	**Foster conservation, use and promotion of knowledge of indigenous peoples, as well as local and traditional knowledge, in ESD**
Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible.	
What the role does this issue play in ESD implementation in your country? Please provide updated information to indicate changes over time.	
Issue 8.	**Describe any challenges and obstacles encountered in the implementation of the Strategy**
Provide relevant information on your country situation regarding this specific issue (up to 2,000 characters with spaces). Please be as specific as possible. *Please in particular discuss any challenges and obstacles encountered that were not yet mentioned in the concluding remarks on the implementation of the Strategy's main objectives (issues 1–6).*	
Issue 9.	**Future implementation of Education for Sustainable Development**
Is there a political commitment/an indication that ESD implementation will continue to be supported after the end of phase III of the UNECE Strategy for ESD and after the United Nations Decade of ESD in your country? If yes, is there already an indication of implementation priorities?	

Appendix I (a)

Indicator 2.1, sub-indicator 2.1.1

Please specify which key themes of SD are addressed explicitly in the curriculum/programme of study at various levels of formal education by filling in the table below. *(Please tick (✓) relevant themes for each level. Use the blank rows to insert additional themes that are considered to be key themes in addressing learning for SD.)*

Also, could you specify which specific themes are of critical importance in your country and why?

Some key themes covered by sustainable development	ISCED Levels 2011								
	0	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
Peace studies (e.g., international relations, security and conflict resolution, partnerships)									
Ethics and philosophy									
Citizenship, democracy and governance									
Human rights (e.g., gender and racial and intergenerational equity)									
Poverty alleviation									
Cultural diversity									
Biological and landscape diversity									
Environmental protection (waste management, etc.)									
Ecological principles/ecosystem approach									
Natural resource management (e.g., water, soil, mineral, fossil fuels)									
Climate change									
Personal and family health (e.g., HIV/AIDS, drug abuse)									
Environmental health (e.g., food and drinking; water quality; pollution)									
Corporate social responsibility									
Production and/or consumption patterns									
Economics									
Rural/urban development									
Total									
Other (*countries to add as many as needed*)									

Note: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

The scoring key for this table (maximum 153 ticks; "other" categories not counted) is:

No. of ticks	0–9	10–16	17–39	40–75	76–112	113–153
Scale	A	B	C	D	E	F

Appendix I (b)

Indicator 2.1, sub-indicator 2.1.2

Please specify the extent to which the following broad areas of competence that support ESD are addressed explicitly in the curriculum[31]/programme of study at various levels of formal education, by filling in the table below. *(Please tick (✓) relevant expected learning outcomes for each level. Use the blank rows to insert additional learning outcomes (skills, attitudes and values) that are considered to be key outcomes in your country in learning for SD.)*

Table of learning outcomes

Competence	Expected outcomes	ISCED Levels								
		0	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
Learning to learn Does education at each level enhance learners' capacity for:	- posing analytical questions/critical thinking?									
	- understanding complexity/systemic thinking?									
	- overcoming obstacles/problem-solving?									
	- managing change/problem-setting?									
	- creative thinking/future-oriented thinking?									
	- understanding interrelationships across disciplines/holistic approach?									
	Total									
	- other (*countries to add as many as needed*)?									
	-									
Learning to do Does education at each level enhance learners' capacity for:	- applying learning in a variety of life-wide contexts?									
	- decision-making, including in situations of uncertainty?									
	- dealing with crises and risks?									
	- acting responsibly?									
	- acting with self-respect?									
	- acting with determination?									
	Total									
	- other (*countries to add as many as needed*)?									

[31] At the state level, where relevant.

Competence	Expected outcomes	ISCED Levels								
		0	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
Learning to be Does education at each level enhance learners' capacity for:	- self-confidence?									
	- self-expression and communication?									
	- coping under stress?									
	- ability to identify and clarify values *(for phase III)?*									
	Total									
	- other (*countries to add as many as needed*)?									
	-									
Learning to live and work together Does education at each level enhance learners' capacity for:	- acting with responsibility (locally and globally)?									
	- acting with respect for others?									
	- identifying stakeholders and their interests?									
	- collaboration/team working?									
	- participation in democratic decision-making?									
	- negotiation and consensus-building?									
	- distributing responsibilities (subsidiarity)?									
	Total									
	- other (*countries to add as many as needed*)?									
	-									

Note: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

The scoring key for this table (maximum 207 ticks; "other" not counted) is:

No. of ticks	0–11	12–21	22–53	54–105	106–156	157–207
Scale	A	B	C	D	E	F

Appendix I (c)

Indicator 2.1, sub-indicator 2.1.3

Please indicate the teaching/learning methods used for ESD at the different ISCED levels. *(Please tick (✓) relevant teaching/learning methods for each level. Use the blank rows to insert additional teaching/learning methods that are considered to be key methods in your country in teaching-learning for sustainable development.)*

Table of teaching-learning methods

Some key ESD teaching/learning methods proposed by the Strategy[a]	**ISCED Levels**								
	0	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*
Discussions									
Conceptual and perceptual mapping									
Philosophical inquiry									
Value clarification									
Simulations; role playing; games									
Scenarios; modelling									
Information and communication technology (ICT)									
Surveys									
Case studies									
Excursions and outdoor learning									
Learner-driven projects									
Good practice analyses									
Workplace experience									
Problem-solving									
Total									
Other (*countries to add as many as needed*)									

Note: Your response will reflect the variety of ESD themes distributed across the ISCED levels. The distribution is more important than the raw number of ticks. The number of ticks may be used for your own monitoring purposes.

[a] Please refer to paragraph 33(e) of the UNECE Strategy for ESD.

The scoring key for this table (maximum 126 ticks; "other" not counted) is:

No. of ticks	0–8	9–42	43–53	54–76	77–98	99–126
Scale	A	B	C	D	E	F

Appendix II

Indicator 2.6, sub-indicator 2.6.1

Please specify to what extent ESD implementation is a multi-stakeholder process by filling in the table below. Please provide examples of good practice. *(Please tick (✓) in both (a) and (b) template-tables to indicate what types of education stakeholders are involved.)*

Table (a)
According to the UNECE Strategy for ESD

Stakeholders	**Classification by UNECE Strategy for ESD**		
	Formal	*Non-formal*	*Informal*
NGOs			
Local government			
Organized labour			
Private sector			
Community-based			
Faith-based			
Media			
Total			
Other (*countries to add as many as needed*)			

The scoring key for this table (maximum 21 ticks; "other" not counted) is:

No. of ticks	0–1	2	3–5	6–10	11–15	16–21
Scale	A	B	C	D	E	F

Table (b)
According to United Nations Decade of ESD

Stakeholders	**Classification by United Nations Decade of ESD**				
	Public awareness	*Quality education*	*Reorienting education*	*Training*	*Social learning*
NGOs					
Local government					
Organized labour					
Private sector					
Community-based					
Faith-based					
Media					
Total					
Other (*countries to add as many as needed*)					

The scoring key for this table (maximum 35 ticks; "other" not counted) is:

No. of ticks	0–5	6–11	12–17	18–23	24–29	30–35
Scale	A	B	C	D	E	F

Appendix III

Indicator 3.1, sub-indicator 3.1.3

Please specify to what extent ESD is a part of the initial and/or in-service educator's training, by filling in the table below by ticking (✓) as appropriate.

ISCED levels	Percentage of education professionals who have received training[a] to integrate ESD into their practice																	
	Educators												*Leaders/administrators*[b]					
	Initial[c]						*In service*[d]						*In service*[e]					
	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
0.																		
1.																		
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
Non-formal																		
Informal																		

[a] Training is understood to include at least one day (a minimum of five contact hours).

[b] See paras. 54 and 55 of the UNECE Strategy for ESD.

[c] Please indicate the number of educators who have received initial training on ESD as a percentage of the total number of educators by the reporting date.

[d] Please indicate the number of educators who have received training on ESD as a percentage of the total number of educators who received in-service teacher training by the reporting date.

[e] Please indicate the number of leaders/administrators who have received training on ESD as a percentage of total number of leaders/administrators who received in-service teacher training by the reporting date.

The scoring key for this table (maximum 100%) is:

Percentage of educated trainers	0–5	6–10	11–25	26–50	51–75	76–100
Scale	A	B	C	D	E	F

Appendix IV

Summary and self-assessment by countries

Please specify the status of efforts to implement the sub-indicators listed in the table below by ticking (✓) as appropriate.

On the basis of the answers to the sub-indicators, please self-assess the status of the implementation of the respective indicator in your country. If feasible, please specify the methodology used for the self-assessment.

Indicator 1.1	**Prerequisite measures are taken to support the promotion of ESD**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 1.2	**Policy, regulatory and operational frameworks support the promotion of ESD**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 1.3	**National policies support synergies between processes related to SD and ESD**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.1	**SD key themes are addressed in formal education**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.2	**Strategies to implement ESD are clearly identified**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.3	**A whole-institution approach to ESD/SD is promoted**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.4	**ESD is addressed by quality assessment/enhancement systems**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.5	**ESD methods and instruments for non-formal and informal learning are in place to assess changes in knowledge, attitude and practice**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 2.6	**ESD implementation is a multi-stakeholder process**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 3.1	**ESD is included in the training of educators**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 3.2	**Opportunities exist for educators to cooperate on ESD**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 4.1	**Teaching tools and materials for ESD are produced**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 4.2	**Quality control mechanisms for teaching tools and materials for ESD exist**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 4.3	**Teaching tools and materials for ESD are accessible**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 5.1	**Research on ESD is promoted**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 5.2	**Development of ESD is promoted**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 5.3	**Dissemination of research results on ESD is promoted**	☐ Not started ☐ In progress ☐ Developing ☐ Completed
Indicator 6.1	**International cooperation on ESD is strengthened within the ECE region and beyond**	☐ Not started ☐ In progress ☐ Developing ☐ Completed